

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

K. TANAHASHI et al

Serial No.

Filed: October 31, 2003

For: PERPENDICULAR MAGNETIC RECORDING MEDIUM,  
MANUFACTURING PROCESS OF THE SAME, AND  
MAGNETIC STORAGE APPARATUS USING THE SAME

**INFORMATION DISCLOSURE STATEMENT (IDS)**  
**UNDER § 1.97 AND § 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

1. This IDS should be considered:

(a) when filed within three months of the filing date of the present application, or within three months of the filing date of the National Stage as set forth in § 1.491 in an international application, or before the mailing date of a first Office Action on the merits, whichever occurs last;

(b) when filed before the mailing date of either a Final Rejection under § 1.113 or a Notice of Allowance under § 1.311, whichever occurs first and when 1(a) does not apply. For this purpose, there is included herein either a certification in section 4 below (included when indicated by a marked box), or a fee of \$180.00 (a check in the amount of \$180.00 is enclosed, or if not see section 5 below);

(c) when filed prior to the payment of the Issue Fee, when 1(a)-(b) do not apply, and when a certification is included in section 4 below (included when indicated by a marked box); then the Applicant(s) hereby petition(s) and request(s) consideration of this IDS, and provided herewith is

a fee of \$180.00 (a check in the amount of \$180.00 to cover the petition fee, or if not see section 5 below).

2. When 1(a)-(c) do not apply, then it is requested that this IDS be placed in the file.

3. Listing of the information submitted is on the attached Form PTO-1449, which forms a part of this IDS. A copy of each listed document is enclosed when needed (needed for U.S. and foreign patents, publication or portion thereof listed; no copy of a U.S. patent application is needed; a copy of a document is not needed when previously submitted or previously cited by the PTO in a parent application of the present application as set forth under 35 U.S.C. § 120).

4. If a fee or additional fee is required, the Commissioner is hereby authorized to charge any fee or additional fee that may be required and credit any excess to Deposit Account No. 50-1417.

5. No explanation of relevancy is being provided for the documents listed in the attached PTO-1449 Form, because they are in the English language and/or discussed in the present Specification.

6. If the PTO determines that part(s) of the required content is inadvertently omitted, then it is requested that the Applicant(s) be given additional time and specific identification of such omission(s) to enable full compliance.

Respectfully submitted,



John R. Mattingly  
Registration No. 30,293  
Attorney for Applicants

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Alexandria, Virginia 22314  
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Date: October 31, 2003

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. NIT-401		SERIAL NO.	
<b>LIST OF DOCUMENTS CITED BY APPLICANT</b> <i>(Use several sheets if necessary)</i>				APPLICANT K. TANAHASHI et al			
				FILING DATE October 31, 2003		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE <i>(If Appropriate)</i>
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES    NO
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	AM	11-191217	7/13/99	Japan			<input type="checkbox"/> <input type="checkbox"/>
	AN	6-103553	4/15/94	Japan			<input type="checkbox"/> <input type="checkbox"/>
	AO	2001-155322	6/8/01	Japan			<input type="checkbox"/> <input type="checkbox"/>
	AP	2002-342909	11/29/02	Japan			<input type="checkbox"/> <input type="checkbox"/>
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, etc.)</i>							
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EXAMINER				DATE CONSIDERED			

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<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
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	AP						<input type="checkbox"/> <input type="checkbox"/>
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